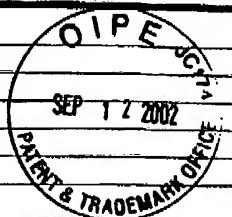


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/051,307
Date Submitted: September 12, 2002				Filing Date	01/22/2002
(use as many sheets as necessary)				First Named Inventor	Ziyu DAI, et al.
				Group Art Unit	1638
				Examiner Name	Unassigned
Sheet	1	of	5	Attorney Docket Number	059440-0141



U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear CLASS SUB-CLASS
		Number	Kind Code ² (if known)			
BK	A1	4,407,956		HOWELL	10/04/1983	435 468

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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BK	A2	BREATHNACH et al., "Organization And Expression Of Eucaryotic Split Genes Coding For Proteins," <i>Ann. Rev. Biochem.</i> , 50:349-83 (1981), Annual Reviews, Inc., France	
BK	A3	MESSING et al., "Plant Gene Structure," <i>Genetic Engineering of Plants, an Agricultural Perspective</i> (1983), pp. 211-227, Plenum Press, New York, NY.	
BK	A4	KHOURY et al., "Enhancer Elements," <i>Cell</i> , 33:313-314, (1983), MIT, USA	
BK	A5	SMITH, et al., "Comparison of Biosequences," <i>Advances in Applied Mathematics</i> , (1981), 2(4):482-489, Academic Press, USA	
BK	A6	NEEDLEMAN, et al., "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," <i>J. Mol. Biol.</i> , (1970) 48:443-453 (1970), Academic Press, USA	
BK	A7	PEARSON, et al., "Improved tools for biological sequence comparison," <i>Proc. Natl. Acad. Sci.</i> , (1988), 85:2444-2448, USA.	
BK	A8	HIGGINS, et al., "CLUSTAL: a package for performing multiple sequence alignment on a microcomputer," <i>Gene</i> , (1988) 73:237-244 (1988), Elsevier Science Publishers B.V..	

Examiner Signature		Date Considered	9/16/02
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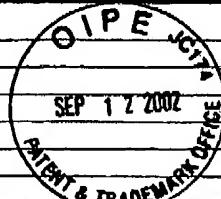
¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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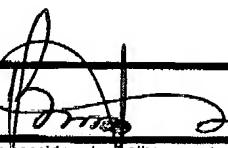
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/051,307
Date Submitted: September 12, 2002 (use as many sheets as necessary)				Filing Date	01/22/2002
				First Named Inventor	Ziyu DAI, et al.
				Group Art Unit	1638
				Examiner Name	Unassigned
Sheet	2	of	5	Attorney Docket Number	059440-0141



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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BK	A9	HIGGINS, et al., "Fast and sensitive multiple sequence alignments on a microcomputer," CABIOS COMMUNICATIONS, (1989), 5(2):151-153 (1989), IRL Press, Oxford, England.	
A	A10	CORPET, "Multiple sequence alignment with hierarchical clustering," Nucleic Acids Research, (1988), 16(22):10881-10891, IRL Press, USA.	RECEIVED
	A11	HUANG, et al., "Parallelization of a local similarity algorithm," CABIOS, (1992), 8(2):155-165, Oxford University Press.	SEP 16 2002 TECH CENTER 1600, 2002
	A12	PEARSON, "Chapter 26: Using the FASTA Program to Search Protein and DNA Sequence Databases," Material copies from the collection of the National Library of Medicine, (1994), 24:307-331, Humana Press, USA.	
	A13	AUSUBEL et al., "Current Protocols in Molecular Biology - Chapter 19," <i>Informatics for Molecular Biologists</i> , pp. 19.1.1-19.4.15 (2000), John Wiley & Sons, Inc., USA.	
	A14	ALTSCHUL, et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," Nucleic Acids Research, (1997), 25(17):3389-3402 (1997), Oxford University Press, USA.	
	A15	WOOTTON, et al., "Statistics of Local Complexity in Amino Acid Sequences and Sequence Databases," Computers Chem., (1993), 17(2):149-163 (1993), Pergamon Press Ltd.	
	A16	CLAVERIE, et al., "Information Enhancement Methods for Large Scale Sequence Analysis," Computers Chem., (1993), 17(2):191-201 (1993), Pergamon Press Ltd.	
BK	A17	MYERS, et al., "Optimal alignments in linear space," CABIOS, (1988), 4(1):11-17, IRL Press Limited, Oxford, England.	

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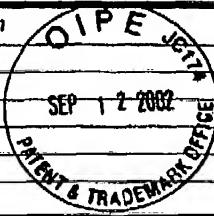
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				Examiner Name	Unassigned
Sheet	3	of	5	Attorney Docket Number	059440-0141



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SL	A18	NEEDLEMAN, et al., "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," <i>J. Mol. Biol.</i> , (1970), 48:443-453, Academic Press.	
↑	A19	SAMBROOK, et al. <i>Molecular Cloning, A Laboratory Manual, Second Edition</i> , (TABLE OF CONTENTS ONLY, Vols. 1-3), Cold Spring Harbor Laboratory Press (1989).	SEP 16 2002
	A20	AUSUBEL, et al. (eds.), <i>Current Protocols in Molecular Biology</i> (TABLE OF CONTENTS ONLY, Vol. 1), John Wiley & Sons, Inc., (1998) USA	TECH CENTER 1600/2900
	A21	BOLTON, et al., "A General Method for the Isolation of RNA Complementary to DNA," <i>Proceedings of the National Academy of Sciences</i> , (1962), 48:1390-1397.	
	A22	AUSUBEL, et al., "Preparation and Analysis of DNA", (TABLE OF CONTENTS ONLY, Vol. 1) (2000), John Wiley & Sons, Inc.	
	A23	WU et al. (Eds.), <i>Recombinant DNA -Part D - (TABLE OF CONTENTS ONLY Vol. 153)</i> , Academic Press, Inc.	
	A24	ROGERS, et al., "Gene Transfer in Plants: Production of Transformed Plants Using Ti Plasmid Vectors," <i>Methods for Plant Molecular Biology</i> (1988), 118:423-463, Academic Press, Inc.	
↓	A25	GRIERSON, et al., "Chapter Seven: Genetic Transformation of Plants by Agrobacterium," <i>Plant Molecular Biology</i> , (1988), Chapman and Hall, USA.	
BN	A26	HORSCH, et al., "A Simple and General Method for Transferring Genes into Plants," <i>Science</i> , (1985), 227:1229-1231.	

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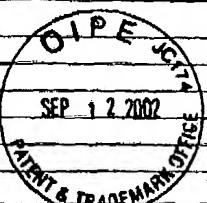
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				First Named Inventor	Ziyu DAI, et al.
				Group Art Unit	1638
				Examiner Name	Unassigned
Date Submitted: September 12, 2002 (use as many sheets as necessary)				Attorney Docket Number	059440-0141
Sheet	4	of	5		



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PK	A27	De FRAMOND, et al., "Mini-T1: A New Vector Strategy For Plant Genetic Engineering," <i>Bio/Technology</i> , pp. 262-269 (May 1983), USA			TECH CENTER 1600/2000
PK	A28	HOEKEMA, et al., "A binary plant vector strategy based on separation of vir- and T-region of the <i>Agrobacterium tumefaciens</i> Ti-plasmid," <i>Nature</i> , (1983), 303:179-180, Macmillan Journals Ltd.			SEP 1 1 2002
PK	A29	BECHTOLD, et al., "In planta Agrobacterium mediated gene transfer by infiltration of adult <i>Arabidopsis thaliana</i> plants," <i>C.R. Acad. Sci. Paris, Sciences De La Vie Life Sciences</i> , (1993), 316(10):1194-1198, John Libbey, Eurotext.			RECEIVED
PK	A30	FRÖMM, et al., "Expression of genes transferred into monocot and dicot plant cells by electroporation," <i>Proc. Natl. Acad. Sci., USA</i> , (1985), 82:5824-5828, USA.			
PK	A31	KLEIN, et al., "High-velocity microprojectiles for delivering nucleic acids into living cells," <i>Nature</i> , (1987), 327:70-73.			
PK	A32	MARGOSSIAN, et al., "Ethylene-regulated expression of a tomato fruit ripening gene encoding a proteinase inhibitor I with a glutamic residue at the reactive site," <i>Proc. Natl. Acad. Sci.</i> , (1988), 85:8012-8016, USA			
PK	A33	PEARCE, et al., "Proteinase Inhibitors I and II in fruit of wild tomato species: Transient components of a mechanism for defense and seed dispersal," <i>Planta</i> , (1988), 175:527-531, Springer-Verlag.			
PK	A34	HUMMEL, "A Modified Spectrophotometric Determination Of Chymotrypsin, Trypsin, And Thrombin," <i>Canadian Journal Of Biochemistry And Physiology</i> , (1959), 37(12):1393-1399, The National Research Council, Ottawa, Canada			
PK	A35	WIGHTMAN, et al., "Reviews Properties Of Plant Aminotransferases," <i>Phytochemistry</i> , (1978), 17:1455-1471, Pergamon Press.			

Examiner Signature		Date Considered	9/16/04
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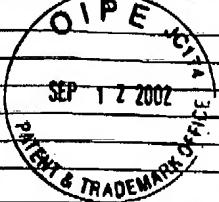
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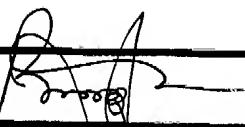
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				Attorney Docket Number	059440-0141

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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RK	A36	FOREST, et al., "Amino Acid Metabolism in Plants. II. Transamination Reactions of Free Protein Amino Acids in Cell-Free Extracts of Cotyledons and Growing Tissues of Bushbean Seedlings (Phaseolus vulgaris L.)," <i>Canadian Journal of Biochemistry</i> , (1972), 50(5):538-542, The National Research Council of Canada.	TECH CENTER 2012900 SEP 17 2002
RK	A37	WILSON, et al., "Transamination Reactions In Plants," <i>The Journal of Biological Chemistry</i> , (1954), 208:863-875, The American Society of Biological Chemists.	RECEIVED SEP 16 2002
RK	A38	FOREST, et al., "Metabolism of Amino Acids in Plants. I. Changes in the Soluble Amino Acid Fractions of Bushbean Seedlings (Phaseolus vulgaris L.) and the Development of Transaminase Activity," <i>Canadian Journal of Biochemistry</i> , (1971), 49(6):709-720, The National Research Council of Canada.	TECH CENTER 2012900 SEP 17 2002
RK	A39	ALTSCHUL, et al., "Basic Local Alignment Search Tool," <i>Journal of Molecular Biology</i> , (1990), 215(3):403-410, Academic Press Limited.	RECEIVED SEP 16 2002
RK	A40	AN, "[17] Binary TI Vectors for Plant Transformation and Promoter Analysis," <i>Methods In Enzymology</i> , (1987), 153:292-305, Academic Press, Inc.	RECEIVED SEP 16 2002
RK	A41	JEFFERSON, et al., "GUS fusions: β -glucuronidase as a sensitive and versatile gene fusion marker in higher plants," <i>The EMBO Journal</i> , (1987), 6(13):3901-3907, IRL Press Limited.	RECEIVED SEP 16 2002
RK	A42	BRADFORD, "A Rapid and Sensitive Method for the Quantitation of Microgram Quantities of Protein Utilizing the Principle of Protein-Dye Binding," <i>Analytical Biochemistry</i> , (1976), 72:248-254, Academic Press, Inc.	RECEIVED SEP 16 2002

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